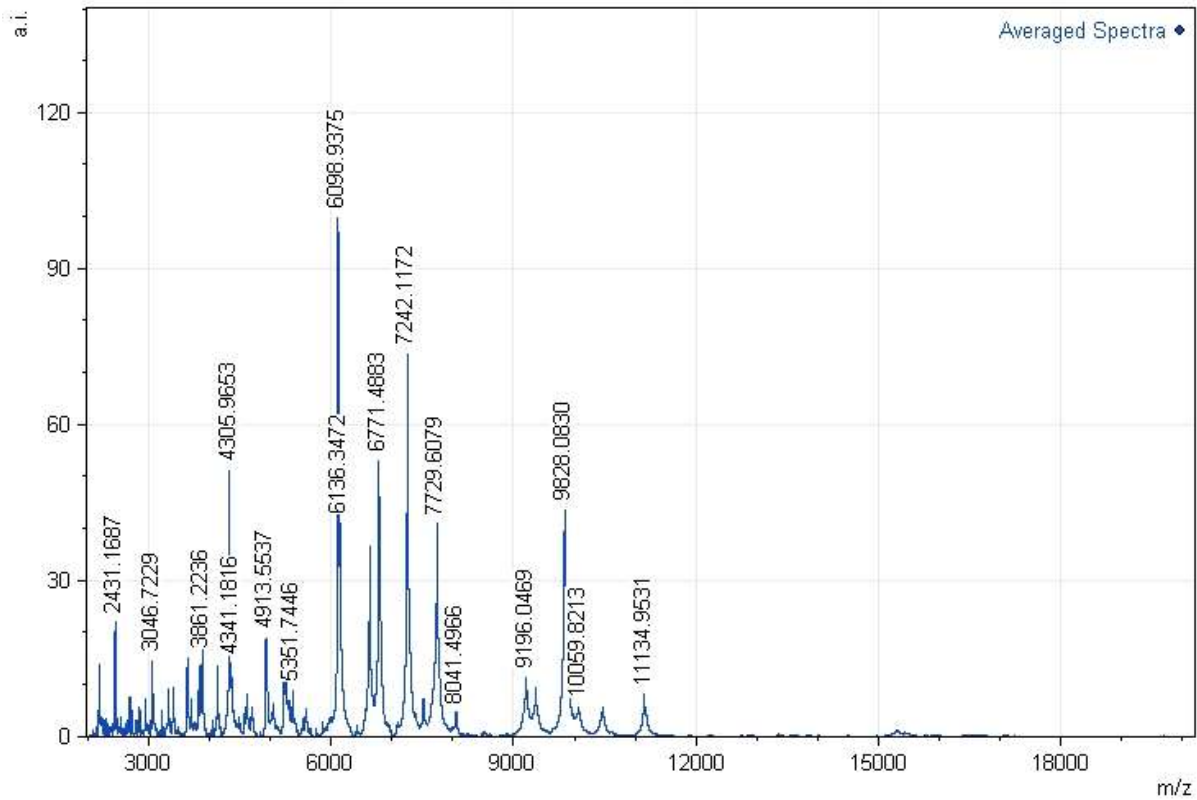


Strain info

- 1) **Owner:** Institute of Cytology and Genetics SB RAS, Russia, Novosibirsk
- 2) **Strain name:** KH2
- 3) **Taxonomy:** *Bacillus altitudinis*
- 4) **GenBank:** KP699786
- 5) **Isolated from:** Valley of Geysers, U3-4-8, Kamchatka. May 2012
- 6) **Growth conditions:** medium - MPA, temperature - 37°C, time - 18h
- 7) **Sample preparation:** Ethanol–formic acid extraction

Freiwald, A., & Sauer, S. (2009). Phylogenetic classification and identification of bacteria by mass spectrometry. *Nature Protocols*, 4(5), 732–42. doi:10.1038/nprot.2009.37

- 8) **Instrument:** MALDI TOF Ultraflex III, Bruker Daltonics GmbH
- 9) **Spectrum image:**
Average of 37 spectra



10) Peak list:

Average of 37 spectra

Average mass, Da	Average int., %	Average mass, Da	Average int., %
2164.2	13.5	4913.6	19.0
2431.2	21.5	5207.4	13.5
2673.0	7.3	5351.7	8.8
2833.1	5.4	6098.9	100.0
2934.1	7.1	6136.3	41.1
3046.7	14.5	6621.9	36.6
3205.8	4.8	6771.5	52.9
3309.1	8.9	7242.1	73.7
3383.7	9.1	7729.6	41.0
3619.8	15.2	8041.5	4.6
3820.5	13.5	9196.0	11.4
3861.2	15.4	9352.9	9.4
4111.8	13.7	9828.1	43.7
4306.0	51.3	10059.8	5.8
4341.2	14.1	10454.8	5.8
4597.2	8.1	11135.0	8.1